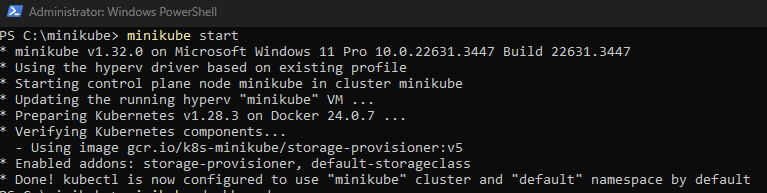
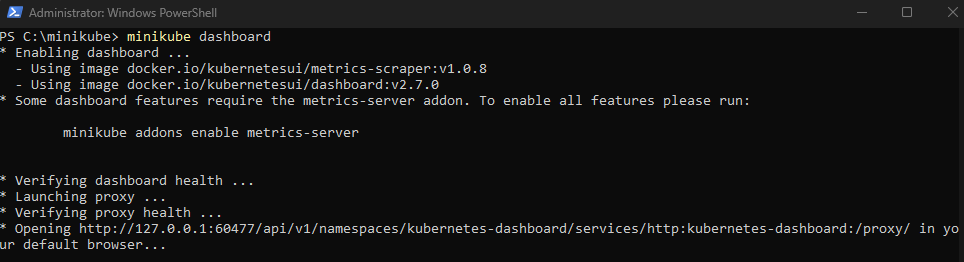
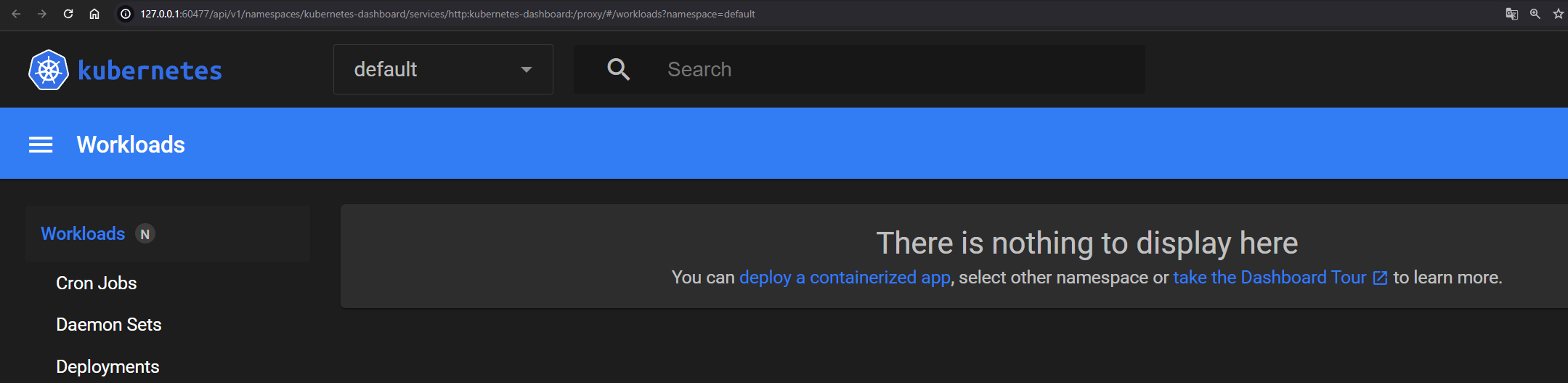
Kubernetes Lab Marcel Zama

Starting a Kubernetes Minikube:



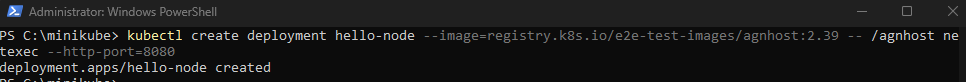
Opening the Kubernetes dashboard:



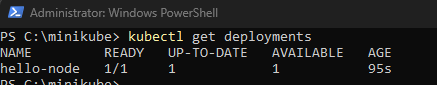


Deploying an App

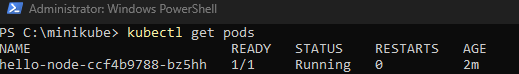
Creating a Deployment:



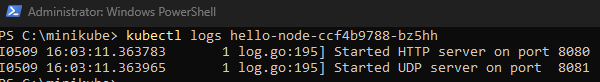
Viewing the Deployment:

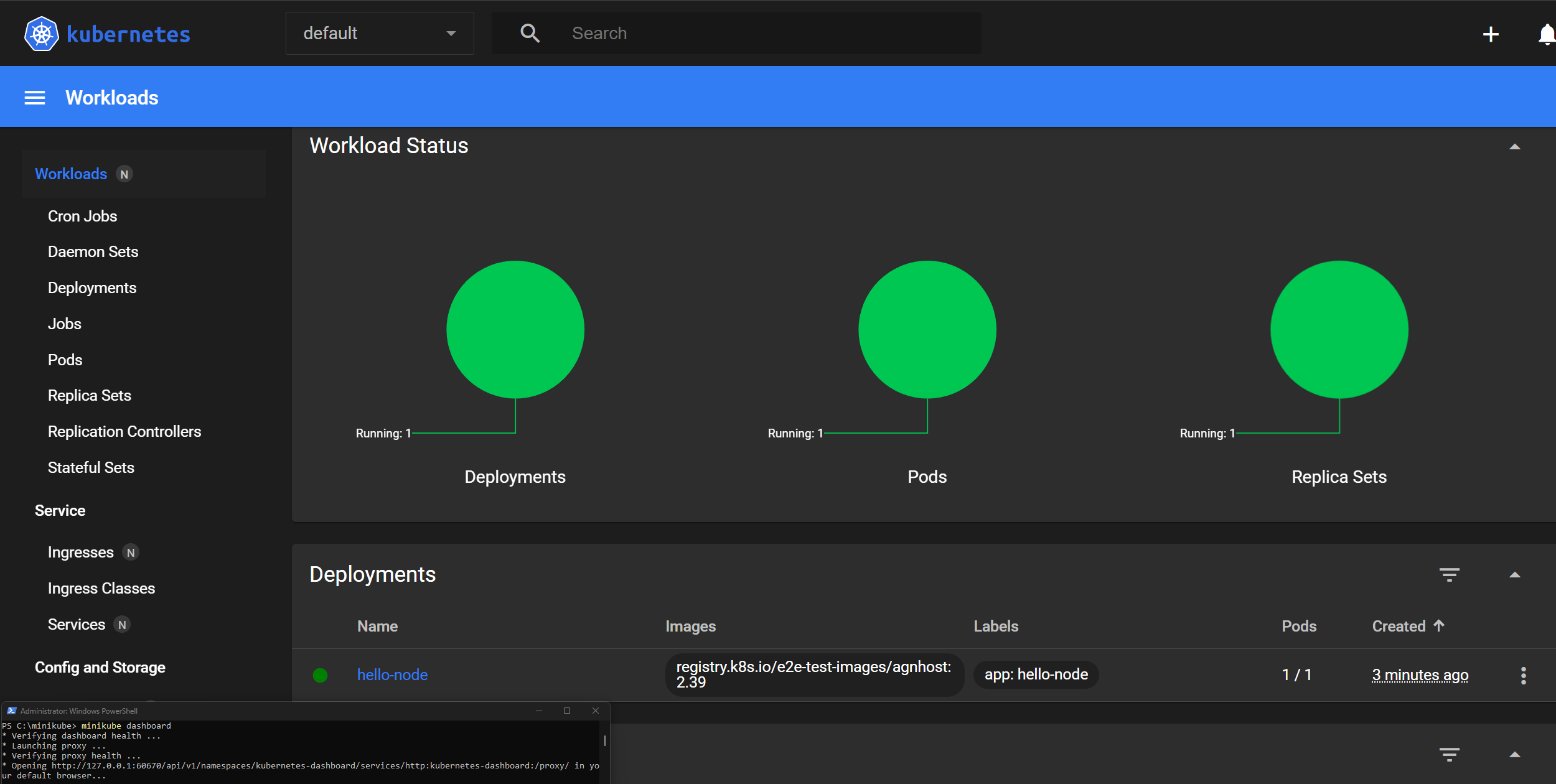


Viewing the Pod:

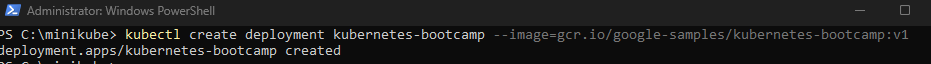


Viewing application logs for a container in a pod:

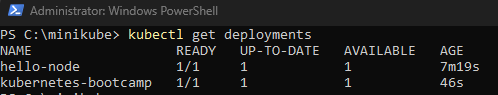


Updated Kubernetes Dashboard: 

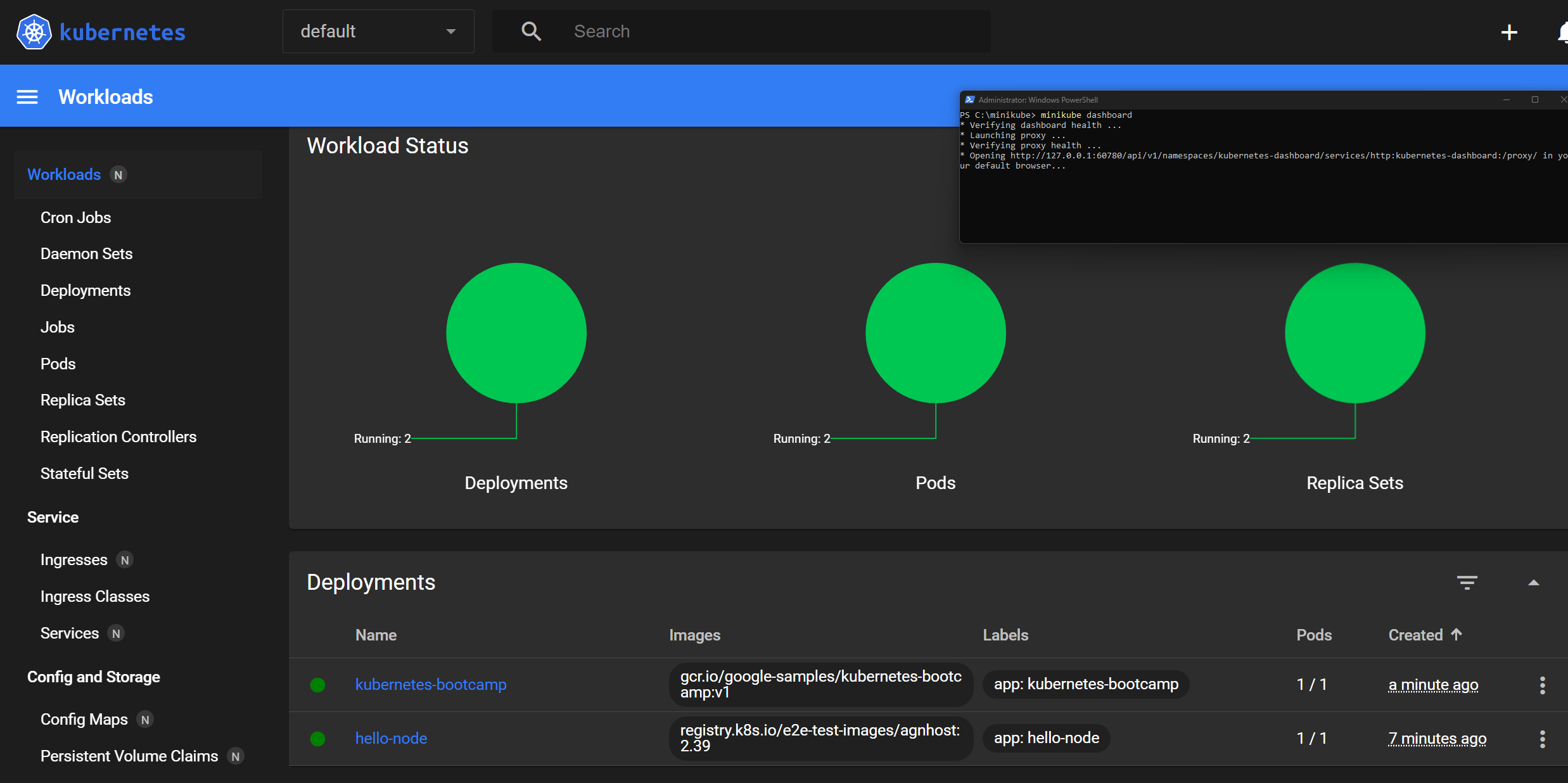
Deploying Kubernetes bootcamp app image:

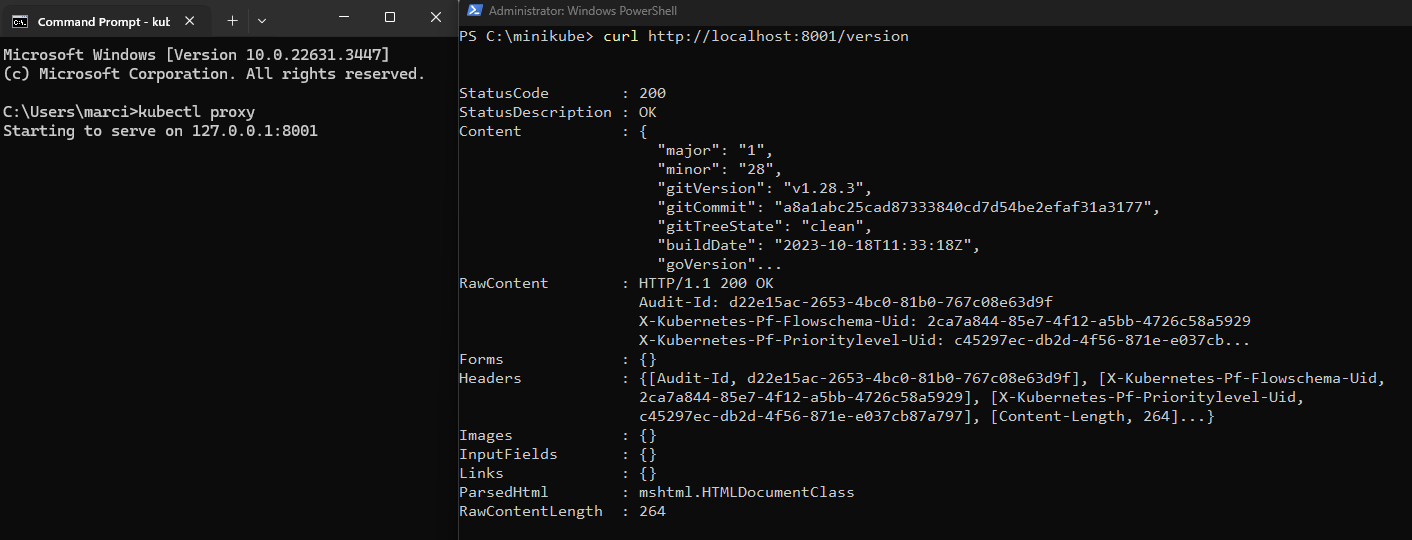


Listing updated deployments:



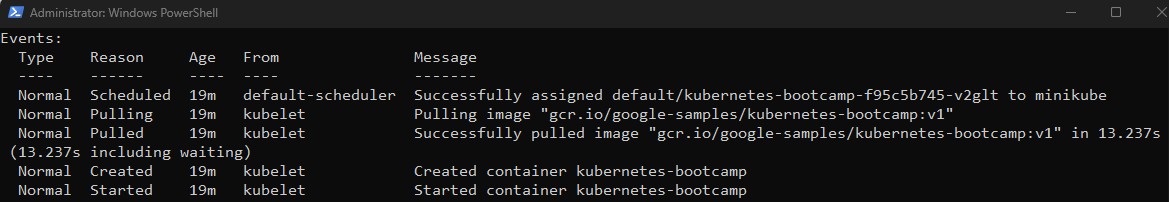
Checking Dashboard For new Pod:



Checking APIs hosted through the proxy endpoint: 

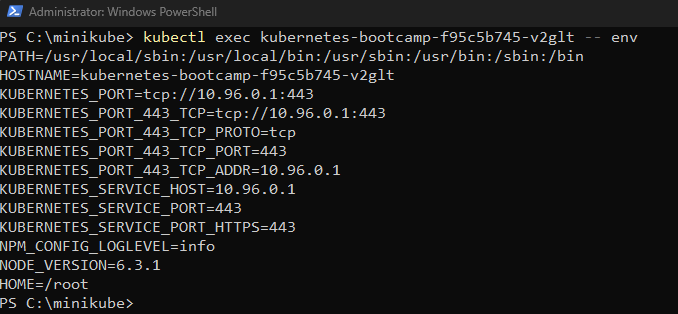
**Viewing Pods and Nodes:**

Check application configuration:

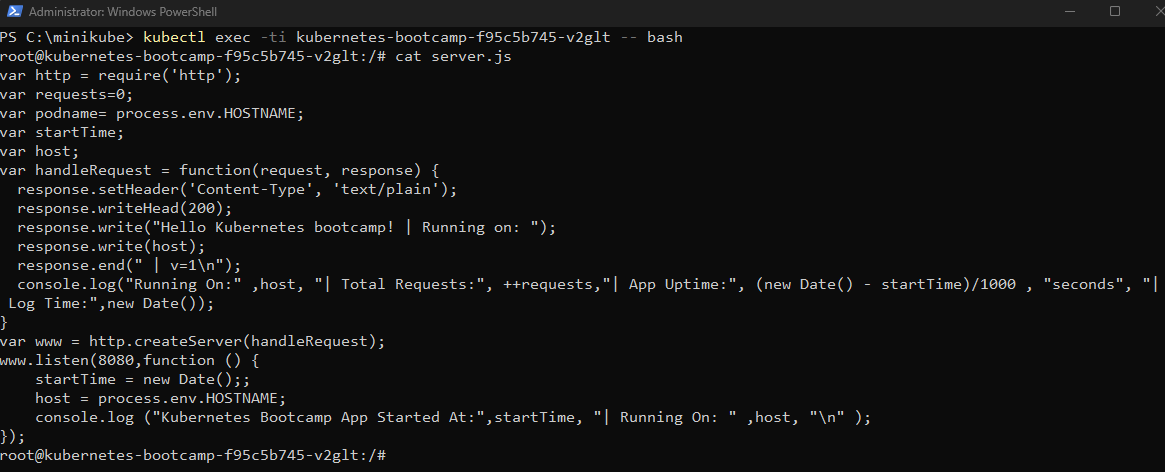


Executing commands on the container

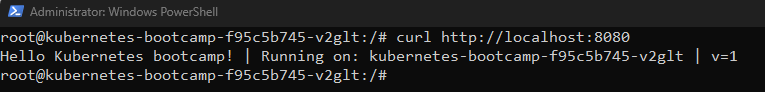
Listing Available Commands:



Starting Bash Session in Pod’s container and opening ‘server.js’:

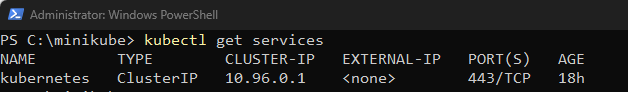


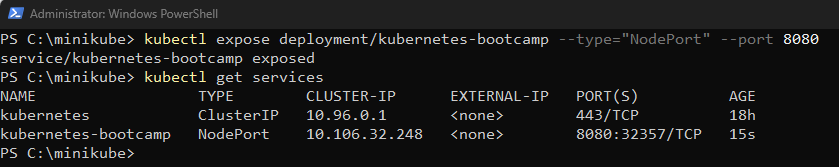
Verifying that the application is running:



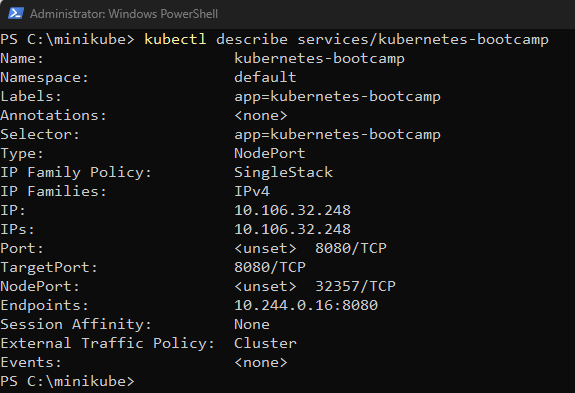
Using a Service to Expose Your App:

Creating a New Service:

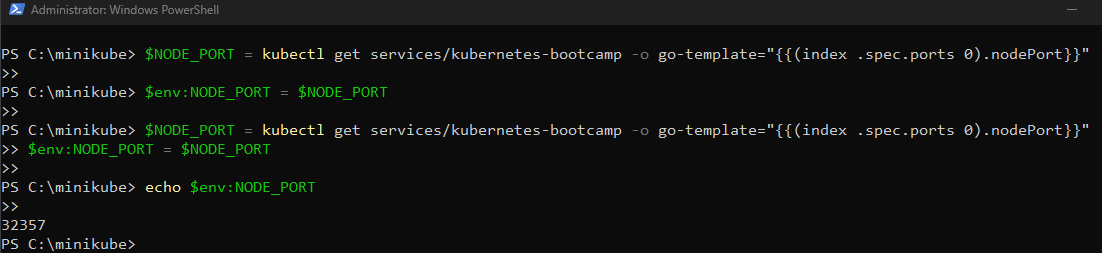




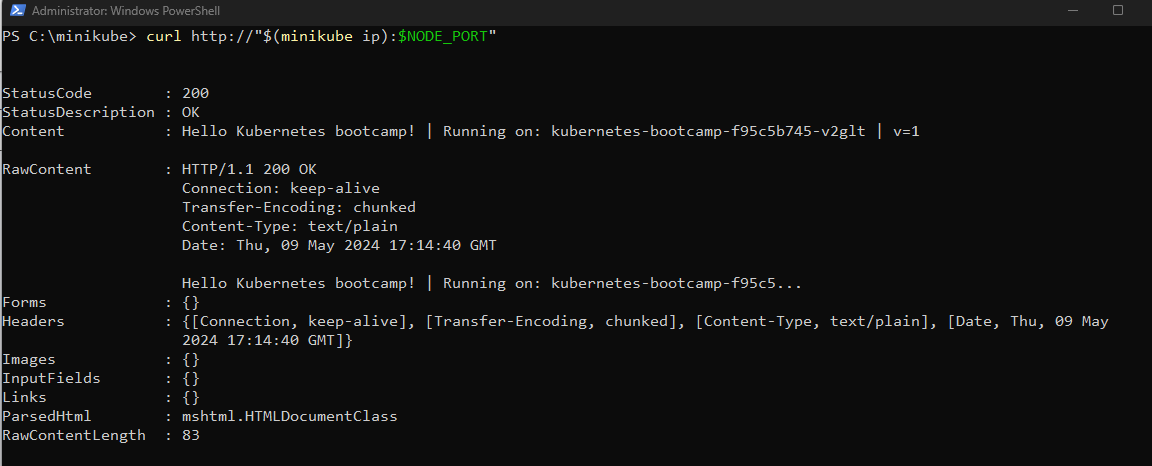
Finding the externally opened port on the service:



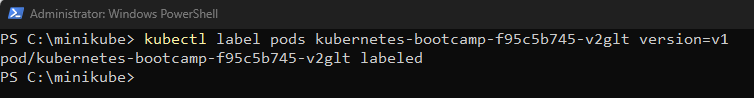
Creating a NODE\_PORT environment variable:

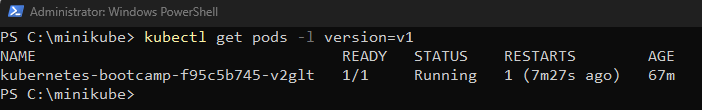


Testing that the app is exposed outside the cluster using curl:

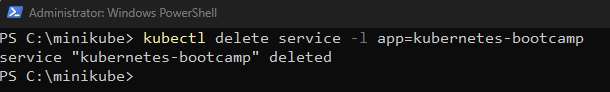


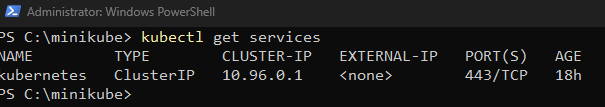
Applying a new label:



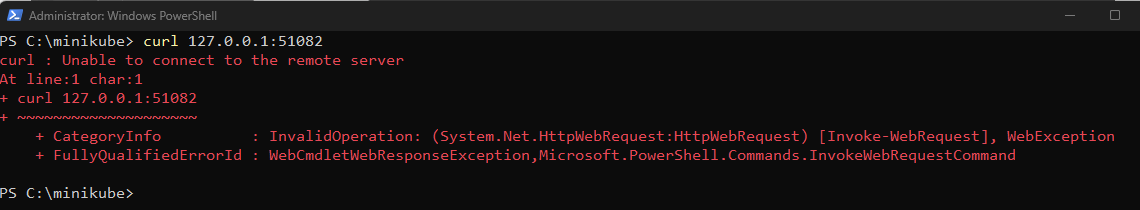


Deleting a service:



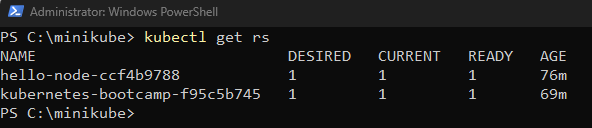


Confirming that the route is not exposed anymore:

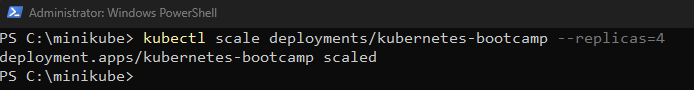


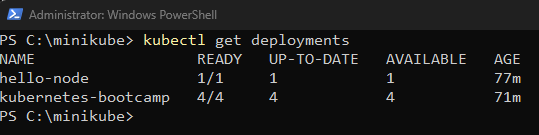
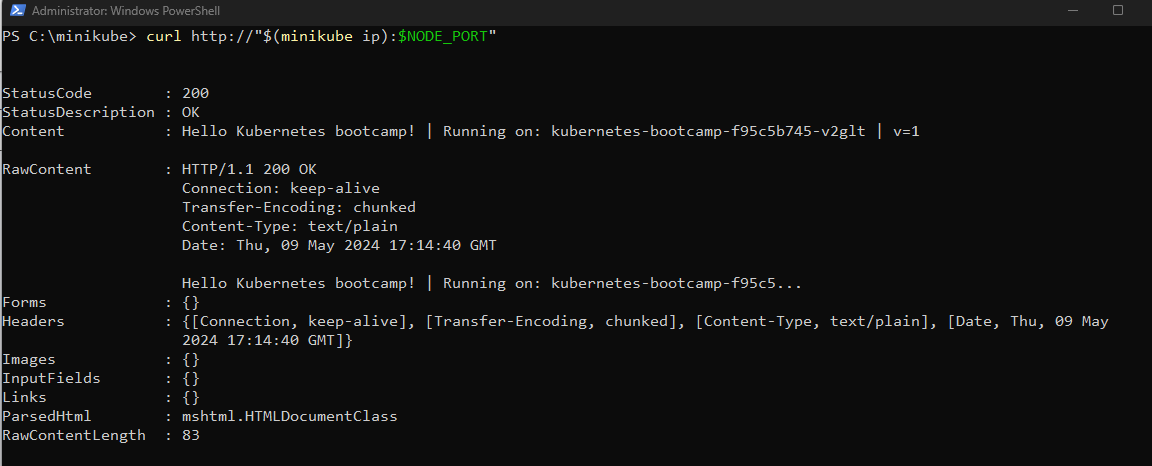
Running Multiple Instances of Your App:

Viewing the ReplicaSet created by the deployment:

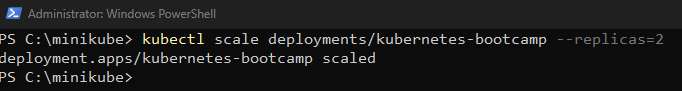


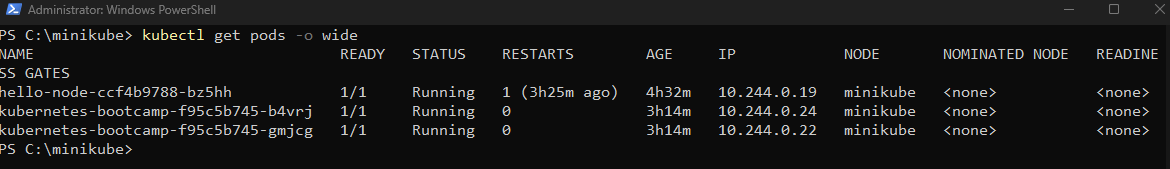
Scaling the deployment to 4 replicas:



Checking that the Service is load-balancing the traffic: 

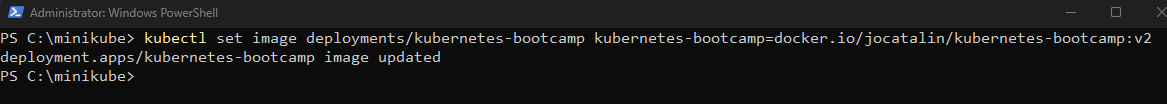
Scaling Down the application:

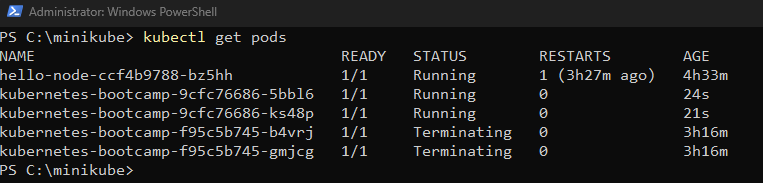


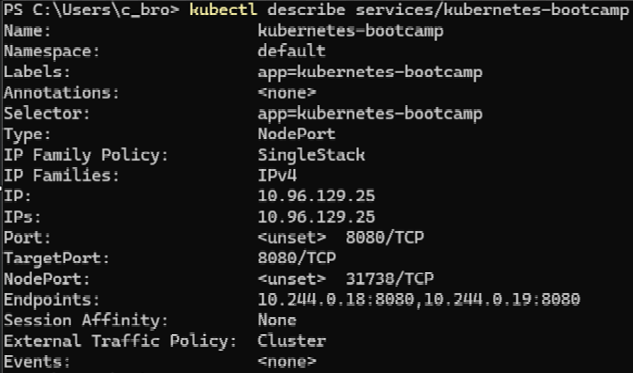


Performing a Rolling Update:

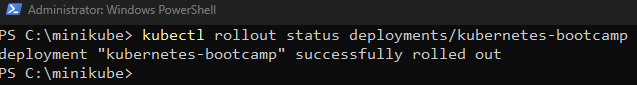
Updating the version of the app to version 2:







Running the roll out status command:



Cleaning up the local cluster:

